## **Abstract of the Disclosure**

Fertilizer compositions for plant production are described, comprised of

decontaminated manure and *Bacillus* spores, preferably a humic acid derived from
lignite and, optionally, one or more of N compounds, P compounds, K compounds,
and combinations of two or more of these compounds. Preferred compositions are
those wherein the ingredients are blended into an admixture resulting in a granular
product. Other preferred compositions are those blended into an admixture resulting
in a powdered product. Preferably, the ingredients are formed into hardened prills or
pellets. Processes for production and use are also presented.